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THE
SECOND ANNUAL REPORT
OF THE
BOARD OF MANAGERS
OF THE
ZOOLOGICAL SOCIETY
OF PHILADELPHIA
(Incorporated March 21 1853)

READ AT THE ANNUAL MEETING OF THE MEMBERS AND STOCK-
HOLDERS OF THE SOCIETY

APRIL 23 1874

TOGETHER WITH THE FIRST ANNUAL REPORT AND THE PROCEED-
INGS OF THE FIRST AND SECOND ANNUAL MEETINGS

PHILADELPHIA
KING & BAIRD PRINTERS 607 SANSOM STREET

Jan
1874

THE
Zoological Society of Philadelphia.

OFFICERS,

For the year ending April 22, 1875.

President,

WILLIAM CAMAC, M. D.

Vice Presidents,

J. GILLINGHAM FELL,

JAMES C. HAND.

Corresponding Secretary,

JOHN L. LECONTE, M. D.

Recording Secretary,

JOHN J. RIDGWAY, JR.

Treasurer,

FRANK H. CLARK.

Managers,

WILLIAM S. VAUX,

S. FISHER CORLIES,

FREDERICK GRAFF,

THEODORE L. HARRISON,

GEORGE W. CHILDS,

HENRY C. GIBSON,

J. VAUGHAN MERRICK,

ISAAC J. WISTAR,

JOHN WAGNER,

EDWARD BIDDLE,

WILLIAM H. MERRICK,

CHARLES NORRIS.

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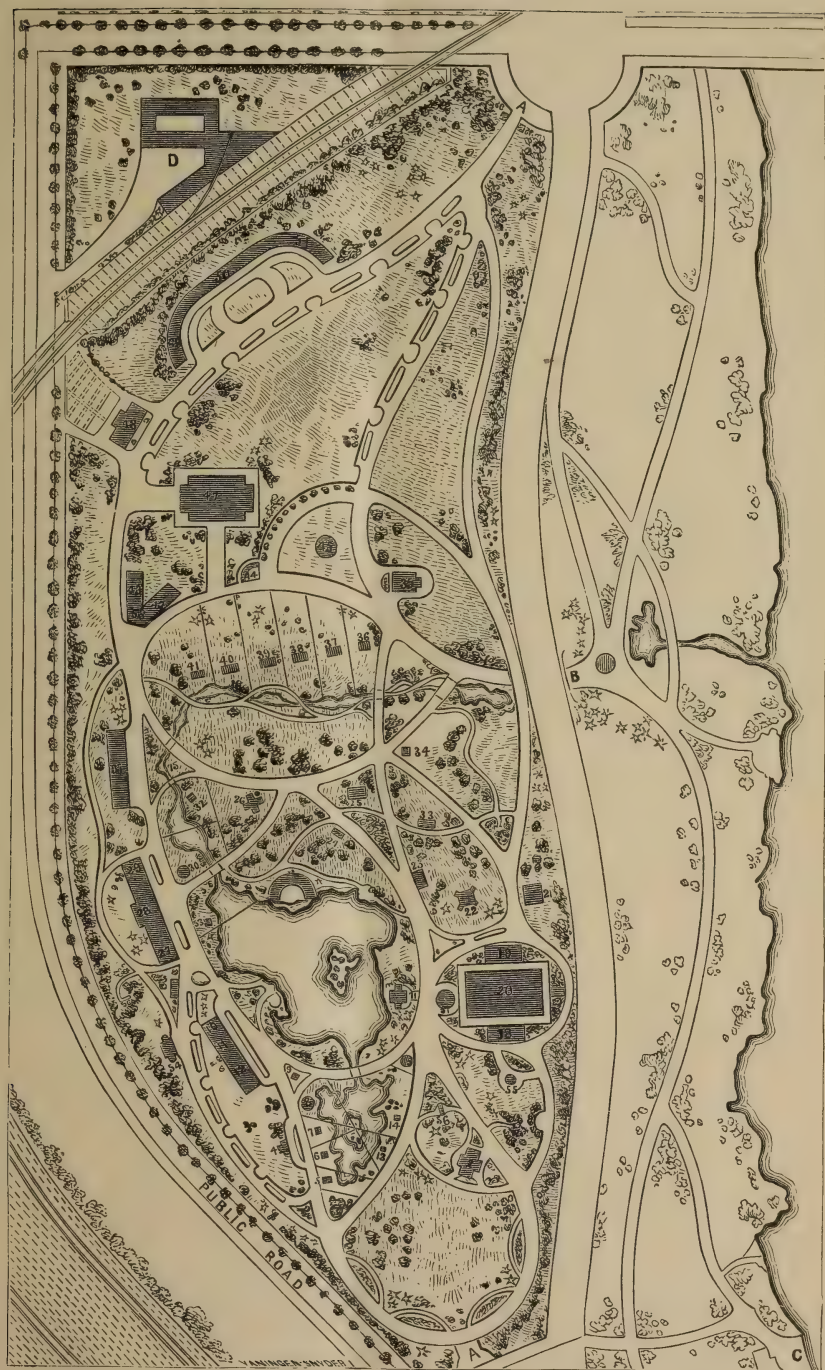
Plan of the Garden.

Monkey house.

Aviary.

Bear pits.

Proposed Restaurant.



REPORT

OF THE

BOARD OF MANAGERS.

April 23, 1874.

The Board of Managers of the Zoological Society of Philadelphia, respectfully submit to the members and stockholders of the Society, their second annual report, which they have divided into two heads, the first of which relates to the general condition of the Society, and the second to the Garden at Fairmount Park.

I. THE GENERAL CONDITION OF THE SOCIETY.

I. MEMBERS.

The number of the members—annual, life, honorary and corresponding—amounts to six hundred and sixteen, and are as follows :

Annual,	.	.	.	.	.	.	.	.	507
Life,	.	.	.	.	.	.	.	.	95
Honorary,	.	.	.	.	.	.	.	.	9
Corresponding,	.	.	.	.	.	.	.	.	5
Total,	.	.	.	.	.	.	.	.	<u>616*</u>

* Annual members are those who pay five dollars upon election, and five dollars annually thereafter. Life members are those who pay fifty

The total number at the rendering of the last report, was one hundred and sixty-six. During the year seven have died, and three resigned.

The following are the Honorary members :

MRS. J. RHEA BARTON, . . .	Philadelphia.
MISS ELLEN WALN,	Philadelphia.
MISS MARY P. FOX,	Philadelphia.
MR. THOMAS H. POWERS, . . .	Philadelphia.
MR. BRIGHAM YOUNG,	Salt Lake City, Utah.
PROF. J. L. BARFOOT,	Salt Lake City, Utah.
GENERAL JAS. S. BRISBIN, . .	United States Army.
MR. T. E. SICKLES,	Omaha, Nebraska.
DR. GEORGE L. MILLER, . . .	Omaha, Nebraska.

The following are the Corresponding members :

MR. JOSEPH M. WILSON, . . .	Washington, D. C.
MR. FRANK BUCKLAND, . . .	London.
MR. JOHN B. CAMAC,	France.
MR. HENRY SCHLESINGER, . . .	London.
MR. LOUIS RITZ,	Cincinnati.

The number of members is rapidly increasing, and as soon as the Garden of the Society is opened, will be largely augmented.

dollars upon election in lieu of all further dues. Annual members may at any time, upon payment of forty-five dollars, become life members. Honorary members are those who in consequence of liberality to the Society, or possessing a distinguished position in science, are elected by the Board. Corresponding members are those living out of the city, who are interested in the progress of the Society, and are of service to it abroad.

2. INCOME AND EXPENDITURES.

The total income of the Society, exclusive of pecuniary donations, to the ending of the fiscal year, March 1st, 1874, has been, \$5,070 00

Balance received March 7th, 1873, from former Treasurer,	1,729 20	
		<u>\$6,799 20</u>

The expenditures, exclusive of permanent improvements in the garden, have been, . \$2,191 48

Which was disposed of as follows:

Clerk,	\$106 78	
Keepers,	537 99	
Maintenance of animals,	438 55	
Insurance,	90 00	
Office, furnishing, &c.,	262 57	
Stationery, printing circulars, &c.,	477 47	
Advertising,	278 12	
		<u>\$2,191 48</u>
By balance,	4,607 72	
		<u>\$6,799 20</u>

The Board desire to express their thanks to Messrs. E. W. Clark & Co., for placing the rooms on the third floor of their building, No. 35 South Third street, at the disposal of your managers for their regular weekly meetings, and as the general office of the Society, without any charge for rent.

The following pecuniary donations have been received by the Society; from Mrs. J. Rhea Barton, five thousand dollars; from Mr. Thomas H. Powers, one thousand dollars; from a lady who desires her name to remain unknown, five hundred dollars, and from Miss Ellen Waln, one hundred dollars. These sums have been placed in the fund

for the permanent improvement of the Garden. Mrs. Barton has, with great liberality, subscribed and paid in five thousand dollars additional to the stock of the Society.

3. CAPITAL STOCK.

Upon the grant of the land comprising the garden of the Society, and consisting of about thirty-three acres, your Managers found that without some other method being devised than that of dues of annual members, and payments of life members, the proper preparation of the ground by building, laying out and surfacing walks, fencing, purchasing and arranging for the reception of a zoological collection was impossible. When once these operations were completed, and the Garden opened to the public, the Board were confident that the annual dues of members, together with receipts from admission fees, rent of restaurant, and other sources of revenue, which would necessarily ensue, would render the Garden much more than self-supporting, and until the Garden was put in a condition to show that such an institution was actually being established, the list of members would, instead of increasing, rapidly diminish, and all prospect of a zoological garden disappear. The Board concluded to raise this capital, absolutely necessary to start the enterprise, by the issue of certificates of stock of not less than one hundred dollars each, upon which the Society would pay, according to the terms set forth in the certificates, six per cent. and no more, in cash, and two and a half per cent. in

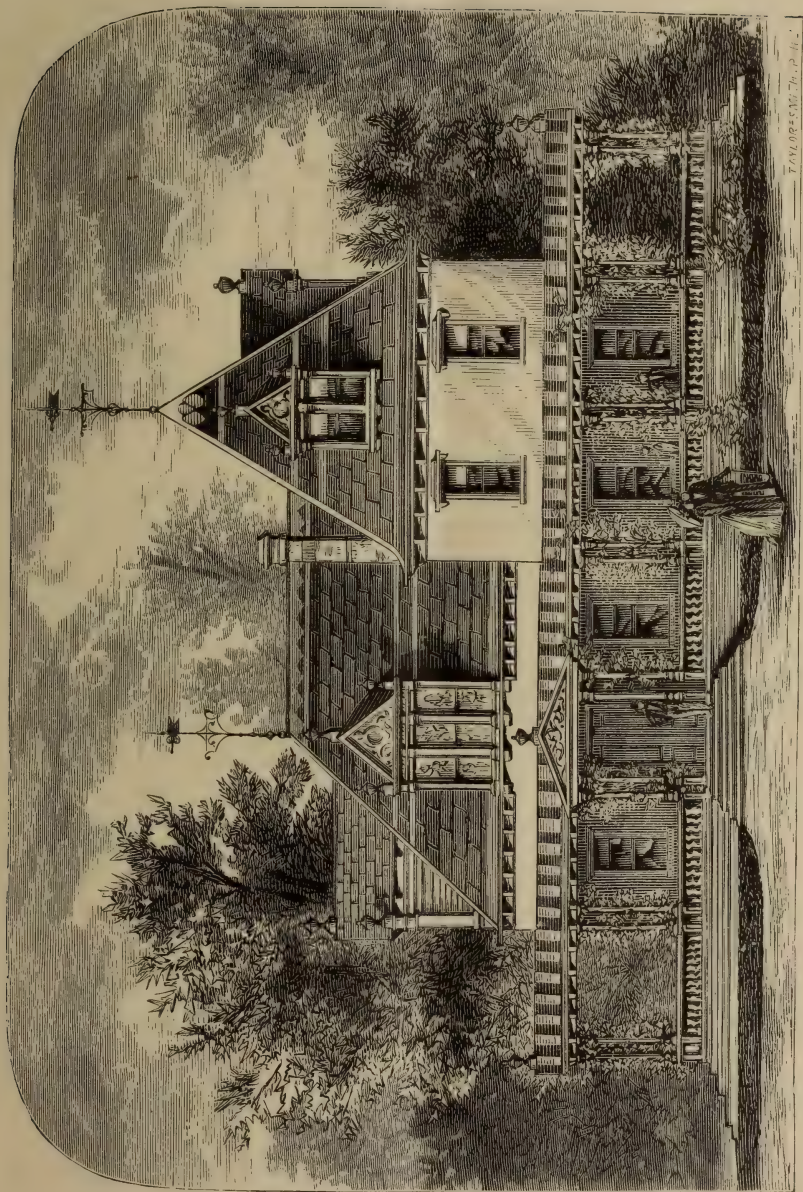
tickets of admission to the Garden, at the rate of twenty-five cents for each ticket, the sum decided upon for a single admission. This has been done with considerable success. The certificates provide that the income of the Society shall be appropriated as follows: First. For the maintenance of the establishment. Second. To the payment of six per cent. in cash upon the amount paid in upon the subscriptions to the stock. Third. The balance, if any, to the extension of the collection, and the improvement of the Garden. This gives each stockholder the equivalent of eight and a half per cent. upon his investment, if the Garden be a pecuniary success. For each one hundred dollars of paid up stock he receives, besides the cash dividend, limited to six per cent., ten single admission tickets, and five more for each fifty dollars additional. Every twenty of these single tickets may be commuted at the beginning of the year into one annual admission ticket, in his own or any other name he desires. Each fifty dollars of stock entitles the holder to one vote, and each two hundred dollars to the privileges of membership.

The unfortunate financial crisis which occurred in the fall of last year, interfered to some extent with the Board in obtaining subscriptions, but notwithstanding this, and the want of general knowledge with regard to the financial success of such undertakings in other countries, they have received, to the date of this report, subscriptions amounting to the sum of one hundred and three thousand two hundred and fifty dollars, and believe that the necessary amount will be taken to place the Garden

upon a solid and permanent footing. The experience of the numerous similar gardens of Europe, organized upon a stock basis, has been so fortunate, that the Board feel warranted in expressing the belief that the limited rate of six per cent. will be realized as soon as the Garden is fairly completed, and a surplus remain for its enlargement and improvement. When properly stocked, the necessary expenses of keeping the collection and Garden will be large, and it is apparent, that it is only by charging a small admission fee for entrance, that the requisite funds annually needed can be obtained. By this means, there will be no difficulty in meeting all demands. The income of the London Zoological Garden, according to its last official report for the year 1872, was £26,728 *os.* 4*d.* (about \$133,000), and the visitors 648,088.

The Board have a written offer that a sum of \$25,000, heretofore appropriated to a Zoological Garden in Philadelphia, by a gentleman of this city, will be subscribed to the stock of the Society, upon the conditions that \$125,000 first be secured, that no vinous, malt or spirituous liquors be sold, and no circus or theatrical performances be allowed in the Garden. When the subscriptions reach the above named sum, it will be for the Society to decide whether it will accept or reject this offer.

The sum of \$250,000, would enable the Board to place the Garden in such a condition as to far surpass any exhibition of like character in this country, and to compare favorably with, and soon equal, many of those in foreign parts. The



TAYLOR & SON, 76, P. O. H.

PROPOSED RESTAURANT.

enthusiasm with which the undertaking, almost unknown as yet, has been received, would warrant the belief that this will be contributed. The Board, however, determined that it would proceed at once with the funds in hand, and has been expending them, it believes, economically and judiciously, a statement of which will appear in its proper place in this report.

II. THE GARDEN AT FAIRMOUNT PARK.

I. PERMANENT IMPROVEMENTS.

Upon June 5th, 1873, the lease of the land to constitute the future Garden of the Society was executed by the Commissioners of Fairmount Park and your Officers, and the Board took immediate possession. The financial resources of the Society being extremely limited, and it being the opinion of the Managers that a commencement should be made, a third of the ground was enclosed with a temporary fence, and contracts entered into for its improvement, and as subscriptions to the stock have continued, further alterations have progressed. A careful survey was made under the supervision of Mr. H. J. Schwarzmänn, the Chief Engineer of the Society, and a plan prepared for the laying out of the whole tract, which has been adopted by the Board, and which has been generally followed in the work done in the Garden. A copy of this plan is herewith attached. Drains, and water pipes to connect with the city mains, have been laid; the

ground graded; walks vulcanized; deer parks constructed; an entrance lodge, monkey house and enclosure for buffaloes built; a temporary barn put up at once for the winter keep of the animals presented; the Penn Mansion, "The Solitude," repaired and restored; the stream through the Garden widened, dammed, and rustic bridges thrown across; cages made; and the enclosed space suitably arranged for the purposes of the Society.

There are now in process of erection three handsome stone bear pits, a brick and iron aviary for all but the large birds, and an eagle aviary. The other building upon the ground known as the "Yarnall House," it is proposed to alter into a restaurant, surrounded with wide piazzas and with French roofs. Plans and estimates for doing this are now before the Board, showing the cost of such alterations. An offer has been received of \$2,500, per annum for the rent of such a building, with the restriction that no liquor of any kind be sold, and the tenant to take in addition \$2,000 of stock. Shurbs, evergreens and flowers are being placed in the Garden, and arrangements are being made for the systematic planting of trees, and shrubs upon the whole ground.

The river road, forming the east boundary, is being constructed by the chief engineer, and as soon as finished, the present drive through the Society's tract will be closed to travel by the fencing in of the whole area belonging to the Society, in place of its present restricted limits. This will bring the northern entrance of the Garden to Girard avenue,



at the point where the new bridge touches the western side of the river, and the southern entrance to the corner of Thirty-fifth street and the Pennsylvania Railroad. The travel to the Park from West Philadelphia will be by the river road on the East of the Garden, and those coming over Girard Avenue Bridge, will go directly by the northern entrance gate. Thus almost all going and coming to and from the Park, will have the Garden in view.

The western boundary will be Thirty-seventh street, which will pass under the bridge of the connecting Railroad at Girard avenue. Application has already been made for permission to lay a passenger railway along this street, and when this is done, in connection with the passage of the horse cars over the Girard Avenue Bridge, the Garden will be easily accessible from all parts of the city.

The very large addition to the Garden, made by the taking in of the entire thirty-three acres, will involve an increased outlay, but will greatly enhance its attractiveness, and the new portion will not be more than partially improved until it is warranted by the finances of the Society, and unless this accession be made, it is feared that the large buildings about to be erected will be injured in their appearance by their proximity in the present contracted space.

It is the especial desire of the Board, as soon as practicable, to construct a large aquarial house, and a building for carnivora, which will be particularly attractive to visitors, and amply repay the investment, but they have carefully abstained from any

expenditures for which they had not the certainty of immediate payment.

On the 1st of June next, the Garden will most probably be opened. Although it is not in the condition desired, it is deemed advisable not to allow the summer months to pass without permitting the public to enjoy the grounds, and the revenue derived from admissions will support the collection, the expense of which is daily increasing.

The receipts and expenditures of the capital have been as follows, to the end of the fiscal year :

March 1, 1874.

Subscriptions paid in on stock, . . .	\$32,550 00	
Donations,	6,600 00	
Interest,	\$86 36	
Disc. returned,	5 34	
	<u>91 70</u>	
		<u>\$39,241 70</u>

Expended during past year :

Fencing about present garden, . . .	\$2,924 63	
Vulcanizing walks, on account of, . .	4,926 42	
Labor and material in laying out garden, drainage, water pipes, dams, bridges, &c.,	12,229 68	
Monkey house, on account of, . . .	3,178 00	
Cages,	1,157 34	
Gate house,	1,915 00	
Aquaria,	270 00	
Engineers,	1,557 65	
Temporary barn,	1,210 00	
Restoring Penn Mansion,	1,062 77	
Deer parks and houses,	1,162 66	
Purchase of animals,	1,267 15	
Mounting and stuffing dead animals, .	57 00	
By balance,	6,323 40	
	<u></u>	<u>\$39,241 70</u>

March 1, 1874.

Gross receipts:

Income from dues, and capital received from life memberships,	\$6,799 20
Capital stock paid in,	32,550 00
Interest, and discount returned,	91 70
Donations,	6,600 00
	<hr/>
	\$46,040 90

Gross expenditures:

Income expended,	\$2,191 48
Capital expended,	32,918 30
By balance, cash in hand,	10,931 12
	<hr/>
	\$46,040 90

Assets.

March 1, 1874.

By balance of income, and capital received from life memberships, see page 9,	\$4,607 72
By balance of capital,	6,323 40
Stock subscriptions, due and unpaid,	57,200 00
	<hr/>
By total balance in hand, and due the Society,	\$68,131 12

Liabilities.

Monkey house, balance due,	\$3,098 00
Vulcanizing paving company,	4,713 25
Purchase of animals, letter of credit to Supt.,	8,500 00
Bear pits, contract price,	5,000 00
Aviary " "	5,720 00
Eagle aviary " "	2,000 00
	<hr/>
Total,	\$29,031 25

In addition to the cash balance on hand at the end of the fiscal year, and the amount due on stock at that date, there has since been taken \$13,500 of stock, which, together with the balance

of stock above mentioned, is only awaiting the call of the Finance Committee to be turned into the treasury. The Board, for the convenience of subscribers to the stock, making the payments quarterly.

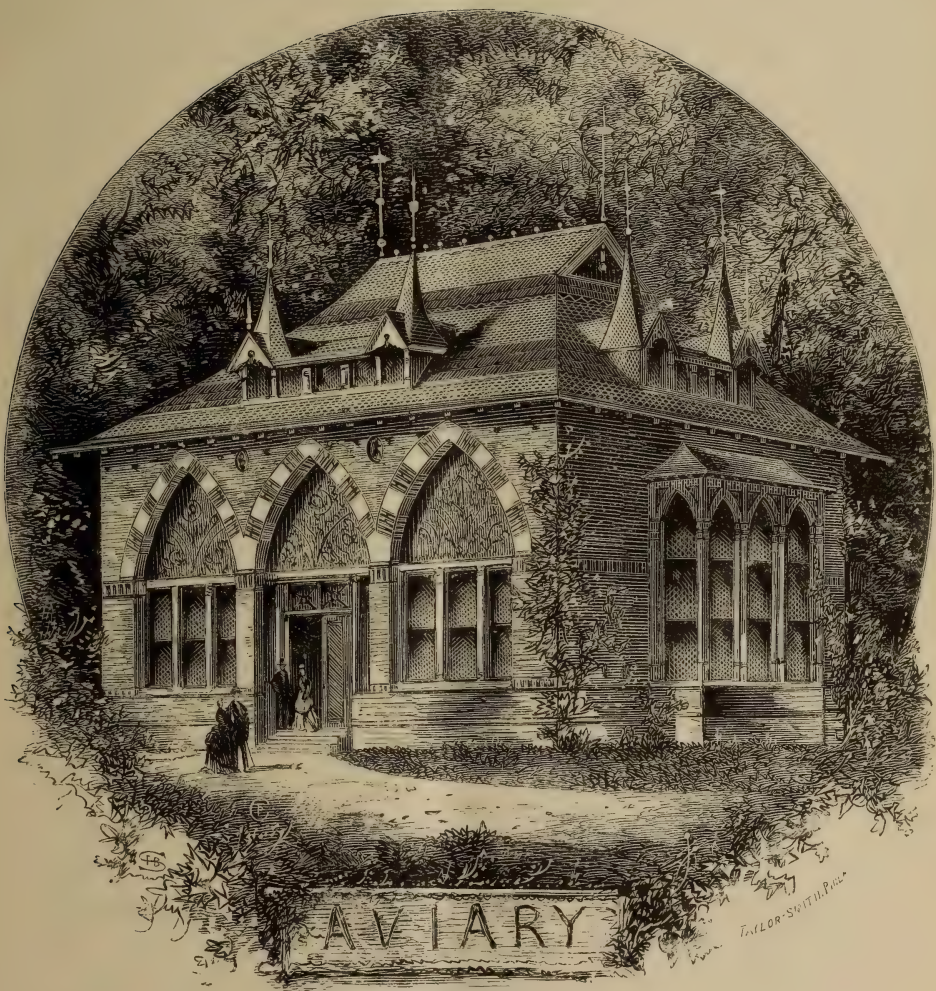
2. MENAGERIE.

The present Garden had scarcely been enclosed, before numerous offers of live specimens for the collection of the Society were made and accepted, although, in some instances, arrangements had to be very hurriedly made for receiving them, and since that time, many more have arrived, a list of which, together with those purchased by the Society, is herewith attached.

The Society has now in its Garden or purchased, and on their way here:

Quadrupeds,	.	.	.	.	.	.	.	131
Birds, .	.	.	.	.	.	.	.	674
Reptiles,	.	.	.	.	.	.	.	8

The Superintendent, Mr. Frank J. Thompson, has lately been in Australia for the Society, where he has obtained an extensive collection of the fauna of that country, which will be shipped on the 4th of next month, and will reach here about the middle of June. He is now in India for the same purpose, and will return in the Summer with a collection from that part of the world. The means of the Society have been so limited that his opportunities are restricted, but until the finances of the Society improve the chief attraction of its Garden, must consist in



its beautiful location, and its collection of American animals.

Among the many gifts to the menagerie, the Board must allude specially to that of Mr. Theodore L. Harrison of this city, who has presented his fine collection of live birds, amounting to over one hundred, with cages, which, as soon as the aviary is completed, will be removed to the Garden; to Mr. Robert H. Lamborn, of Philadelphia, who brought from the West, and gave to the Society twenty-eight prairie dogs; and to General Babcock, of Washington, for a Palm cat and San Domingo dog. General Brisbin, of Omaha, and Messrs. Martin Fuller & Co., of this city, have rendered the Board much gratuitous service in collecting animals from the West.

CONCLUSION.

The Board of Managers cannot conclude without congratulating the members and stockholders of the Society upon its advancement and prosperity. Actually commencing its career in June of last year, it has made rapid progress, and will be the welcome pioneer of many other such institutions in the United States. The city of Cincinnati is moving in this direction, and an application has been made to Congress to charter a Zoological Society for the District of Columbia. The Board is desirous that the scientific purposes of the Society shall be carefully regarded, and hopes much from the influences which the Garden will exert in fostering a love for

such pursuits, and promoting the health and education of all classes. An opportunity will be presented for gathering together men of various tastes, who may assist in contributing their knowledge and ability to inform and delight the entire community. The many whose occupations or necessities compel to remain in this city during the summers, will derive physical and mental benefit from the Zoological Garden, that will cause it to be highly prized and affectionately regarded. The Board has derived much benefit from correspondence with other foreign societies, the officers of which have shown themselves very favorably disposed, and ready to assist your Managers. The Garden is now open daily to members. During the past year Messrs. Joseph W. Miller, A. J. Drexel and Clarence H. Clark have been obliged, from the necessities of business, to resign from the Board, and their places have been filled by the present incumbents. Dr. Charles E. Cadwalader resigned as Secretary, May 29th, 1873, and the present officer was elected in his place.

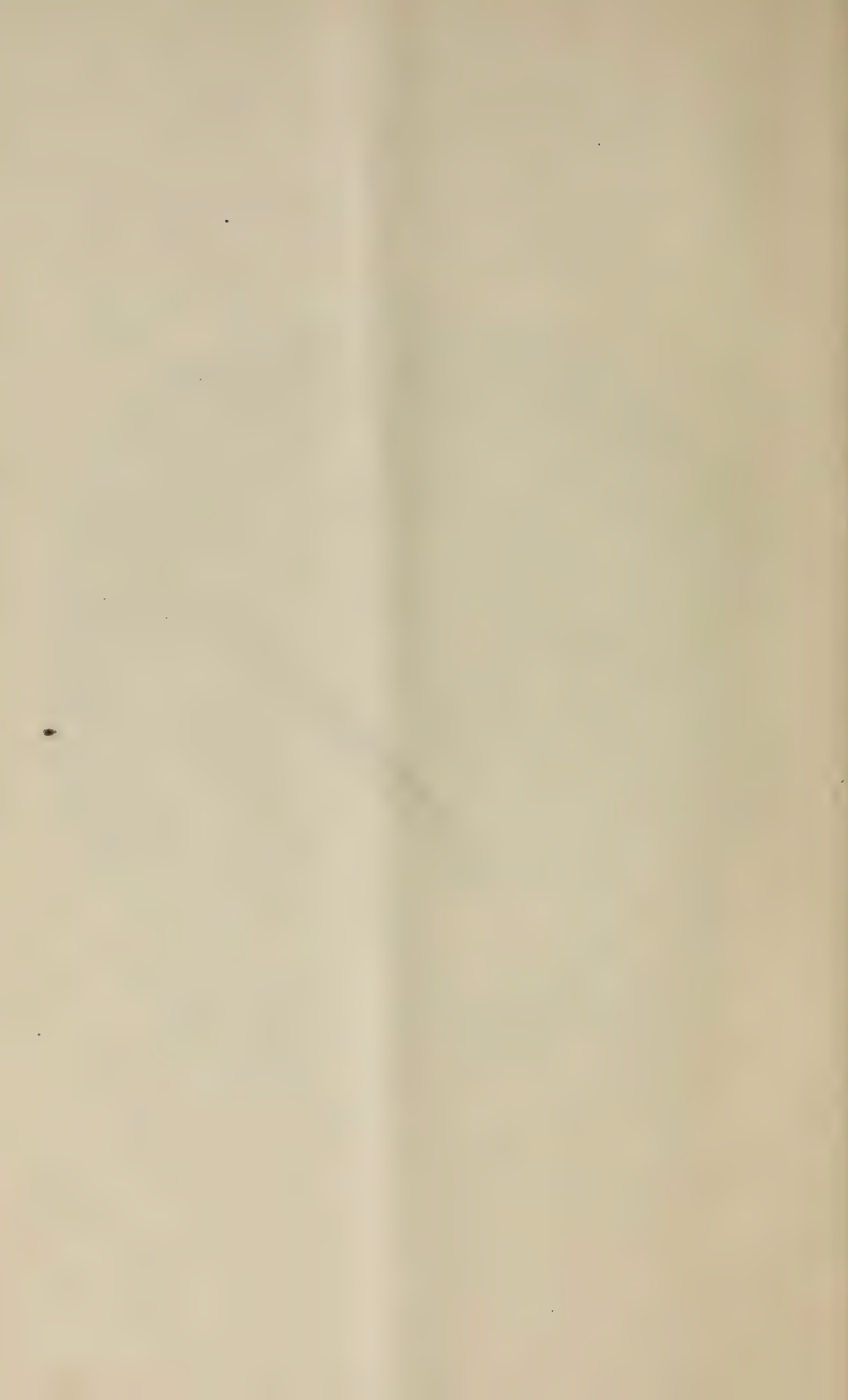
The thanks of the Society are due to the management of the Pennsylvania and Union Pacific Railroad, for their liberality in the transportation of freight coming to the Garden, and to Dr. O. Finsch, of Berlin, for some fine photographs of the buildings in the Zoological Garden of that city.

By order of the Board of Managers.

JNO. J. RIDGWAY, JR.,

Secretary.





PROCEEDINGS OF SECOND ANNUAL MEETING.

THURSDAY, *April 23*, 1874.

An annual meeting of the Zoological Society was held this day at No. 35 South Third street, at 12 M.

The meeting was called to order by Gen'l Isaac J. Wistar, and on motion Dr. Edward Peace was elected to preside over the meeting, and John J. Ridgway, Jr., Esq., to act as Secretary.

The minutes of the last annual meeting were read and approved.

The report of the Board of Managers for the past year was read, adopted and ordered to be printed.

The chairman announced that the election of officers for the ensuing year was now in order.

Messrs. Joseph W. Miller and William Dulles were appointed tellers to conduct the election.

On motion, the poll was ordered to remain open until one o'clock.

The meeting then took a recess, for the purpose of voting. At one o'clock the chairman called the meeting to order, to hear the report of the tellers.

The tellers reported the number of votes cast was two hundred and fifty, and the chairman announced that the former officers and managers were unanimously re-elected.

Adjourned.

LIST OF DONORS AND DONATIONS.

The following is a list of donors and their several donations to the Society during the past year :

- ASHBURNER, T. A.,
1 Great horned owl.
- BIDDLE, THOS.,
2 Parrots.
- BABCOCK, GENL. O. E.,
1 Palm cat, 1 San Domingo dog.
- BAILEY, J. C.,
4 English pheasants.
- BARTON & SON,
1 Antelope.
- BOWEN, E. A.,
1 Common gull.
- BECK, A. R., Litiz, Penna.,
2 Great horned owls.
- CHILDS, GEO. W.,
2 Alligators.
- CHASTEAU, LOUIS M.,
1 Screech owl.
- CLEELAND, JOHN, Melbourne, Aus.,
7 Black swans, 1 Wallaby.
- DONNELLY, MRS.,
1 Silvery gull.
- FRENCH, E. D.,
2 Alligators, 1 Monkey, 1 Virginia deer.
- FOX, MISS,
2 Raccoons.
- FAUFF, MR.,
1 Rabbit.
- GRAY, CHARLES S.,
1 Gray fox.

HARRISON, THEODORE L.,

- 2 Snapping Turtles, 2 Common American Rabbits, and the following birds: 1 Blue fronted Parrakeet (*Psittacus eburnirostrum*), South America; 2 Common Sparrows (*Passer domesticus*), Europe; 1 Little green Parrakeet (*Paillacus passerinus*), South America; 1 Red cheeked Waxbill (*Fringilla melpoda*), Australia; 1 Purple Finch (*Fringilla purpurea*), North America; 1 Siskin mule; 2 Apendavines (*Fringilla amandava*), Africa; 1 Silver beak (*Fringilla cantans*), Africa; 1 Orange beak (*Fringilla sanguinolenta*), Africa; 1 Negro Finch (*Fringilla nitens*), Africa; 1 White headed Grosbeak (*Loxia mara*), Africa; 2 Warbling grass Parrakeets (*Melopsittacus undulatus*), Australia; 1 Fox colored Finch (*Fringilla iliaca*), North America; 1 White and black African bird (*Fringilla sineola*), Africa; 1 Linnet (*Linota canabina*), Europe; 2 Chestnut eared Finches (*Amadina castanotis*), Australia; 1 Red eye-browed Finch (*Estrela temporalis*), Australia; 2 American House Finches (*Carpodacus familiaris*), North America; 1 Whidah Bunting (*Embriza Paradisea*), Africa; 1 Cow Pen Black bird (*Mocothrus pecoris*), North America; 1 Rose breasted Cockatoo (*Cacatua eos*), Australia; 1 Large sulphur crested Cockatoo (*Cacatua galerita*), Australia; 1 Red breasted Pigeon (*Phlogœnas cruenta*), Asia; 1 Missel Thrush (*Turdus viscivorus*), Europe; 1 Belgian canary; 1 Siskin (*Chrysomitris spinus*), Europe; 1 Rose bill Parrakeet (*Platycercus eximius*), Australia; 1 Bauers Parrakeet (*Platycercus Bauerii*), Australia; 1 Goldfinch-mule; 1 Linnet (*Linota canabina*), Europe; 1 Faciated Grosbeak (*Loxia facia*), Africa; 2 Sociable Weavers, (*Philetaerus socius*), Africa; 1 White headed Grosbeak (*Loxia mara*), Asia; 1 Cinnamon Waxbill, Africa; 1 Chaffinch (*Fringilla cœleps*), Europe; 1 Java Grosbeak (*Loxia orizivora*), Asia; 1 Hawfinch or Grosbeak (*Cocothraustes vulgaris*), Europe; 1 Yellow Finch (*Fringilla butyracea*), Africa; 2 Black bellied Grosbeaks (*Loxia capensis*), South America; 2 Magpie Finches (*Fringilla nigriceps*), Africa; 1 Weaver Oriole (*Ploceus spilonotus*), Africa; 1 Canary (*Carduelis canaria*); 2 Grenadier Grosbeaks (*Loxia orix*), South America; 2 Black faced Grosbeaks (*Embriza guelea*), Africa; 1 Silver beak (*Fringilla cantans*), Africa; 1 Waxbill Grosbeak (*Loxia astrild*), Asia; 1 Scarlet Finch (*Fringilla Madagascariensis*), Africa; 1 Peaceful Dove (*Geopliia tranguilla*), Australia; 2 Cockatoo Parrakeets (*Nymphicus Noræ Hollandinæ*), Australia; 1 Chaffinch (*Fringilla cœleps*), Europe; 1 Yellow winged Parrakeet (*Psettacus virescens*), South America; 2 Gray headed Parrakeets (*Palæonis carniceps*), Asia; 2 Red rumped Parrakeets (*Psephotus halmatonotus*), Australia; 1 Orange headed Parrakeet (*Psittacus pertina*), South America; 2 Pencilled Pheasants (*Gennæus nycthemerus*), Asia; 1

Common Pheasant (*Phasianus colchicus*), Asia; 1 Quail (Common English quail), (*Coturnix communis*), Europe; 1 American Partridge (*Ortyx Virginianus*), North America; 2 Great horned Owls (*Bubo Virginianus*), North America; 1 Hawfinch or Grosbeak (*Coccythraustes vulgaris*), Europe; 1 Tufted Mino bird, Africa; 1 Lesser Mino bird, Africa; 2 Painted Buntings *Spiza cyris*), North America; 2 Tomagino (*Fringilla canva*), Africa; 1 Brazilian Cardinal, South America; 1 Short crested Brazilian Cardinal, South America; 2 Red cheeked Waxbills (*Fringilla melpoda*), Australia; 1 Cardinal Grosbeak (*Pytylus cardinalis*), North America; 1 Orange beak (*Fringilla sanguinoleua*), Africa; 1 Black crowned Night Heron (*Ardea nyctic rax*), North America; 2 Bluish Waxbills, Africa; 2 Linnet mules; 1 Wild pigeon (*Ectopistes migratorius*), North America; 1 Bramble Finch (*Fringilla montifringilla*), Europe; 1 Greenfinch (*Fringilla chloris*), Europe; 1 Goldfinch (*Fringilla elegans*), Europe; 1 Siskin (*Fringilla spinus*), Europe; 1 Common Blue bird (*Sialia Wilsonii*), North America; 2 Carolina Turtle Doves, North America; 2 Black headed Grosbeaks, Africa; 2 Cowry Grosbeaks, Africa; 3 Seabright Bantams; 3 Black-red Game Bantams; 3 Duck winged Game Bantams; 1 Common Black bird (Redwinged), (*Agelams phoenicens*), North America.

HORAN, HENRY,

- 1 Cardinal red bird, 1 Goldfinch, 1 Sparrow, 2 Canaries, 2 Rabbits, 1 White and 1 Black rats, 1 Wood duck, 5 Flying squirrels, 1 African bantam.

HIRNESSY, C.,

- 1 Red fox.

HARRISON, MR., School Lane,

- 1 Monkey.

HENRY, W. A.,

- 2 Wood ducks.

HARTMANN & FEHRENBACH, Wilmington, Del.,

- 1 Virginia deer, 1 Raccoon.

JANITOR OF COLLEGE,

- 1 Red tailed Hawk.

LUKENS, ALBERT, North Wales, Pa.,

- 1 Raccoon.

LAMBORN, ROBT. H.,

- 30 Prairie dogs.

MAGARGE, EDWARD, MRS.,

- 1 Monkey.

- MARTIN, EDWARD,
1 Bald eagle.
- MACALTIONER, A.,
1 Bald eagle.
- MURPHY & BROOM,
1 Hawk, 1 Great horned owl.
- MARTIN, FULLER & Co.,
1 Buffalo, 1 American elk.
- NORRIS, CHARLES,
1 Red breasted cockatoo.
- NEPPLE, MARTIN,
1 Gray fox.
- POTTER, MR.,
1 Yellow haired porcupine.
- PERRINE, LIEUT., H. P., U. S. A.,
1 Buffalo.
- ROMANOFF, L.,
2 Hawks.
- ROGERS, DR.,
2 Sparrow hawks, 1 Bald eagle.
- SAVERY, DR.,
1 Raccoon.
- SHEPPARD, W. B.,
5 Ring doves.
- SNELLS, P.,
1 Spanish chicken.
- STANLEY, W., Melbourne, Aus.,
1 Magpie.
- TISCHNER, S. F.,
1 Virginia deer.
- WATSON, GEORGE, Melbourne, Aus.,
1 Dingo.
- WISTER, W.,
2 Ravens.
- WAGNER, JOHN,
3 Black red game bantams, 2 Hawks.
- WISTAR, GENL., ISAAC J.,
1 Opossum.

List of collection in the Garden, or purchased, and on their way to it.

2 South Australian wombats (*Phascolomys latifrons* or *lasiorhinus*); 2 Dingos (wild dogs), (*Canis dingo*, Blum.); 1 Tasmanian devil (*Phascolomys wombat*, Per. & Lesson); 2 Yellow footed rock wallabys, (*Petrogale xanthopus*, Gray); 1 Phillip island wallaby; 2 New South Wales wallabys, 4 Yorke's Peninsula kangaroos; 2 Red kangaroos (*Osphranter rufus*); 5 Native cats (*Dasyurus*); 5 Kangaroo rats (*Hypsiprymnus*); 1 Opossum (*Phalangista*); 1 Flying squirrel (*Petaurus*); 4 Native companions (*Grus australasianus*, Gray); 5 Black swans (*Chenopsis atrata*, Lath.); 4 Magpie geese; 2 Cape Barron geese (*Cereopsis novae-hollandiæ*, Lath.); 2 Wedgetailed eagles (*Aquila audax*); 4 Magpies (Piping crow shrike, *Cracticus picatus*); 2 Mountain ducks (*Casarca tadornoides*, Jard.); 2 Bald coots (*Hyacinthine Gallinule*); 4 Sulphur crested cockatoos (*Cacatua galerita*); 4 Long billed cockatoos (*Licmetis tenuirostris*); 11 Rose cockatoos (*Cacatua roseicapilla*); 12 Pink or leadbeater cockatoos (*Cacatua Leadbeateri*); 25 Parrakeet cockatoos (*Calopsitta novae-hollandiæ*); 63 Victorian rogellas; 13 Northern rogellas, 4 Moreton bay rogellas (*Platycercus palliceps*), 10 Port Lincoln parrakeets; 12 Ring-neck parrakeets; 10 Blue Mountain parrakeets; 11 Grass parrakeets; 4 Elegant parrakeets (*Euphema elegans*); 100 Shell parrakeets; 11 Scarlet tories; 4 King tories or parrots (*Aprosmictus scapulatus*); 4 Victorian leeks; 6 South Australian leeks; 24 Zebra finches; 23 Diamond sparrows; 13 Mauritius cardinals; 6 Laughing jackasses (*Dacelo gigas*); 3 Tasmanian jackasses; 2 Minahs (*Myzantha garrula*); 2 Rails (*Hypotaenidia philippensis*); 2 Crested pigeons (*Ocyphaps lophotes*); 5 Bronze wing pigeons (*Phaps chalcoptera*); 2 More-porks (*Podargus cuvieri*); 1 Small kingfisher; 1 Shrike; 2 Large kangaroos (*Macropies major*); 2 Common Wallaby; 2 Paradise ducks; 7 Guinea pigs (*Cavia cobaya*), five born in garden; 1 Peccary (*Dicotyles torquatus*); 3 Black-tailed deer (*Cervus macrotus*, Say.); 1 Blue and yellow macaw (*Ara ararauna*, Linn.); 1 Fox squirrel; 2 Red squirrels; 3 Marmoset monkeys; 4 White rats (*Mus decumanus*, var. albino); 2 Magpies; 1 Hedgehog; 1 Grizzly bear (*Ursus horribilis*); 2 Cinnamon bears (*U. Americanus* var. *cinnamoneus*); 3 Brown bears (*U. Americanus*); 2 Black bears (*U. Americanus*); 1 Cross fox (*Vulpes fulvus*, var. *decussatus*); 2 Silver foxes (*V. fulvus*, var. *argentatus*); 1 Prairie wolf (*Canis latrans*, Say.); 1 American wild cat (*Lynx rufus*); 2 American elk (*Cervus canadensis*); 1 White-tailed deer (*C. leucurus*); 1 Bald eagle (*Haliaetus leucocephalus*, Linn.); 1 Golden eagle (*Aquila canadensis*); 1 Red and blue macaw (*Ara macao*, Linn.)

APPENDIX.

FIRST ANNUAL REPORT OF THE BOARD OF MANAGERS OF THE ZOOLOGICAL SOCIETY FOR THE YEAR ENDING, APRIL 24, 1873.

Although organized and incorporated in 1859, and a small tract of land appropriated to its use, in the old Lemon Hill Park, the Zoological Society, for various reasons, languished and lay dormant; and although several spasmodic efforts were made for its resuscitation, nothing was done from that period until the spring of 1872. Under these circumstances, while the Society is actually fourteen years old, this report must be presented as the first yearly statement which could have been made. At its inception the Society consisted of thirty-six members, who were also its incorporators. The officers elected at the first meeting were:

President.

WM. CAMAC, M. D.

Vice Presidents.

WILLIAM R. LEJEE.

JAMES C. HAND.

Recording Secretary.

FAIRMAN ROGERS.

Corresponding Secretary.

JOHN L. LE CONTE, M. D.

Treasurer.

P. PEMBERTON MORRIS.

Managers.

FREDERICK GRAFF,

WILLIAM S. VAUX,

WILSON C. SWANN, M. D.,

FRANCIS R. COPE,

THOMAS DUNLAP,

JOHN CASSIN,

J. DICKINSON SARGEANT,

W. PARKER FOULKE,

SAMUEL POWELL.

Trustees of Permanent Fund.

EVANS ROGERS,

JAMES DUNDAS,

CHARLES MACALESTER.

Several meetings were held in the spring and fall of 1859, and a code of laws adopted for the use of the Society. Attempts were made at various periods to raise funds, but there appeared to be great apathy shown to the project, and but few persons seemed to understand the objects of the Society, or could see the benefit to be derived from its establishment. Finally, the whole affair came apparently to an untimely end. It was perhaps well that it did so. Had the Society succeeded and become established in the grounds appropriated to it in the East Park, it could have been but a wretchedly small affair, and we should have been at the expense and trouble in a very few years of moving the whole collection to a more suitable locality. The people too, were not prepared for it, but in the last twelve or fourteen years, the vast mass of travelling Americans, who have visited Europe, have brought back with them the knowledge of the fact that numbers of such gardens exist everywhere abroad, and are visited and enjoyed by myriads of people, who are not all strangers, but who go day after day, and do not tire of the ever varying collections. The war through which we have passed, and which would have proved very disastrous to such an enterprise as ours, had it been established in 1859, has been of benefit to us in giving the people more enlarged ideas in the matter of contributing money, and they are now much more willing to come forward. The Park, too, has been enlarged to such immense proportions, as to offer every facility for locating such a garden. In view of all these

changes the members were called together in March 1872, for the purpose of reorganization. Of those who had been active in organizing the Society, death had removed nine, viz.: Charles N. Bancker, James Dundas, John Grigg, Thomas Dunlap, Evans Rogers, George A. McCall, Samuel V. Merrick, John Cassin and William Parker Foulke. Eight gentlemen responded to the call and determined that the Association should be placed on a proper footing before the public, and that every effort should be made to raise funds and increase the membership. A committee was appointed also at that time to select a proper site for the garden. This committee at once put themselves in communication with the Park Commissioners who expressed a desire to favor the Society to the utmost. Early last summer a site was selected in the East Park above Girard Avenue Bridge, but was afterwards abandoned, as not being exactly suited to the wants of the Association; subsequently another locality was secured on the west bank below, and commencing at the terminus of Girard Avenue Bridge, on the grounds occupied by the Penn Mansion, and known as "The Solitude." It was supposed that the lease, which it is necessary should be taken, would be agreed upon, and signed at once by the Commissioners, but a series of vexatious delays have occurred, owing to disagreements on the terms—and at this moment the lease remains unexecuted, although I am happy to say that there is now every prospect of the difficulties being amicably settled. Another drawback has also

occurred ; we have been obliged to permit Messrs. Clark, Reeves & Co., to run a railroad through our grounds to carry material for the building of Girard Avenue Bridge, which has virtually thrown one-half of our available space out of use, and they will occupy this ground until at least the fall of 1874. The Park Commission have also reserved to themselves the right to run a broad carriage way through the north end of our ground ; should this be done it will cut us off from the most beautiful part of our reservation, on which it was the intention of our architect to have constructed the monkey and bird houses, but the great expense of such a road will render its construction extremely doubtful. The Society has been very fortunate in securing the services of Mr. Schwarzmann, as the engineer to carry out the designs of the Society ; he has made a beautifully executed plan of the completed garden, which has been accepted by the Board. Mr. Schwarzmann has now left for Europe, where he will take plans and drawings of the best buildings in foreign associations, similar to our own, in conformity with instructions received from the Board. Although but a small amount of money has as yet been raised, and the lease is still unexecuted, it has been determined, rather than allow another summer to pass without work, to commence on such ground as is available, and to this end, the Board have decided to enclose, by a high picket fence, the central portion of our tract, including the Penn Mansion, comprising say ten or eleven acres. The funds already in hand

and promised are sufficient to meet the expense of this, and there seems to be no reason why a small exhibition should not be opened this summer. The number of active members elected during the past year is one hundred and thirty-seven, making at the present date an active list of one hundred and sixty-six. There has been one corresponding member elected, Mr. Joseph M. Wilson of the Agricultural Department, at Washington, D. C., who has shown the liveliest interest in the undertaking. The By-Laws have been entirely remodelled, as it was found that in their original condition, they did not meet the requirements of the Society; the principal feature introduced in the amendments, being Article IV., which provides for the raising of money on certificates of loan, paying six per cent.

In conclusion I would say that the prospects of the Society are very flattering, the project has been received by the citizens and the press, with the greatest expressions of pleasure, interest and hope; and it will require but some energy in raising the necessary means, and some active exertion in the start, to place our garden on such a basis that it will soon become self-supporting, and be the admiration and wonder of strangers, as well as of our own people.

All of which is respectfully submitted.

WILLIAM CAMAC,

President Zoological Society.

PROCEEDINGS OF FIRST ANNUAL MEETING.

An annual meeting of the Zoological Society of Philadelphia, was held at the rooms of the Society, No. 35 South Third street, at 3 P. M., April 24th, 1873. The President called the meeting to order. The report of the Board of Managers, and that of the Treasurer, for the past year were read and adopted.

The following gentlemen were elected for the ensuing year, as officers of the Society :

President.

DR. WILLIAM CAMAC.

Vice Presidents.

JAMES C. HAND,

J. GILLINGHAM FELL.

Treasurer.

FRANK H. CLARK.

Corresponding Secretary.

JOHN L. LE CONTE, M. D.

Recording Secretary.

CHAS. E. CADWALADER.

Managers.

J. VAUGHAN MERRICK,
WM. S. VAUX,
JOHN WAGNER,
THEO. L. HARRISON,
CLARENCE H. CLARK,
JOSEPH W. MILLER,

FREDERICK GRAFF,
A. J. DREXEL,
GEO. W. CHILDS,
HENRY C. GIBSON,
S. FISHER CORLIES,
JOHN J. RIDGWAY, JR

Adjourned.

